TA66
N6
F0 no. 780-2864

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2624	036	11 12 74	28AJ	3514	7521

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0011	17	22	19	990	Y	S	20

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	PR	SA	E	FT	070	—	10	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	06405	0002	0000	00141

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3L1			PO	DO
START	35° 14'	75° 21'	1077	4790	11		0940	0942
							PU	ON
FINISH	35° 16'	75° 21'	1087	4794	11		1012	1017

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
125	1200 2 / 5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

Surface 17.2°C Bottom 21.7°C AT 60 FT.

OBSERVATIONS

Released from 3H4 1087 3L1 4794

To 3H4 1076 3L1 4799

Flounder: P. dentatus

Total Captured:

Tot. Tagged : 85

Retaind for anl.: 0

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P. dentatus

-2°

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2624 — Tot. Fish Captured 137

Date 12 Nov. 1974 — Tot. Fish Tagged 85

Area of Release 35°16'N 75°21'W — No. Retained for analysis 52

LORAN # Start 3H4 1077 3L1 4790 — Gear Type Yankee #41

Finish 1087 4794

11 fathoms

Area: 2
Grid: AJ28

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
2780			453	P. dentatus	
2781			325		
2782			285		
2783			288		
2784			349		
2785			243		
2786			223		
2787			230		
2788			237		
2789			226		
2790			232		
91			255		
92			240		
93			301		
94			337		
95			216		
96			261		
97			250		
98			245		
99			265		
2800			209		
01			312		
2802			265		
2803			234		
2804			241		
2805			210		
2806			347		
2807			282		
2808			342		
2809			216		
2810			294		
11			237		
12			319		
13			251		
14			287		
15			234		
16			248		
17			209		
18			262		
19			318		
20			290		
21			260		

N = 42

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2624 (cont) Tot. Fish Captured _____

Date _____ Tot. Fish Tagged _____

Area of Release _____ No. Retained for analysis _____

LORAN Start _____ _____ Gear Type _____

Finish _____ _____

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
2822			305	P. Dentatus	
2823			245		
2824			324		
2825			215		
26			251		
27			372		
28			260		
29			260		
30			200		
31			248		
32			230		
33			240		
34			245		
35			286		
36			245		
37			221		
38			234		
39			248		
40			240		
41			328		
42			208		
43			249		
44			272		
45			235		
46			235		
47			237		
48			248		
49			310		
50			221		
51			225		
52			232		
53			250		
54			202		
55			252		
56			235		
57			240		
58			220		
59			230		
60			232		
61			218		
62			202		
63			229		

N = 42

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2624 (con't.)

Tot. Fish Captured ______

Date ______

Tot. Fish Tagged ______

Area of Release ______

No. Retained for analysis ______

LORAN Start ______ ______

Gear Type ______

Finish ______ ______

TAG. NO.	Weight Lbs. Ozs.	F.L. (cm)	Species	Remarks
2864		236		
[illegible]				

N=1

R/V DAN MOORE SPECIES LIST

STA. NO. 2617 DATE 12 Nov 19 74 BIOLOGISTS [illegible]

TOT. CATCH WT. 650# Finfish: 6.405 Crust.: 2 Moll.: — Other 141

AIR 19°C SURFACE 17.2° B. 21.7°C (Note: Bott. Temp accurate)

=> Again @ End 17.1 Top and Bottom. 28 AJ

SPECIES	CODE	NUMBER	WEIGHT	DATA TAKEN	REMARKS Factor = 1.855	
Culled out						
[illegible]						
[illegible]	sand tiger	2				
[illegible]		1				
[illegible]	bullnose					
[illegible]						
[illegible]	=					
Two baskets			(2)		lbs	Kg
Diapterus auratus		42	[illegible]		59	26.7
Lobotes surinamensis		11	[illegible]		41	18.5
Leiostomus xanthurus		12	[illegible]		82	37.1
Prionotus sp.		23	10#		19	8.4
Stenotomus aculeatus		21	5#		9	4.2
Petrivius paucimaculatus		31	2#		4	1.7
Orthopristes chrysoptera		13	2#		4	1.7
[illegible]			[illegible]		4	1.7
[illegible]			[illegible]		5	2.2
[illegible]			[illegible]		1	0.4
Porichthys		3	[illegible]		1	0.4
[illegible]		5	[illegible]		2	0.7
[illegible]		2	[illegible]		1	0.4
Spheroides maculatus		3	0.2 lbs		1	0.4
Stenotomus		1	Tr.			
[illegible]		1	Tr.			
			Total =	124 lbs	233	104.7
			=	56.30 Kg		
P. dentatus (See tagging sheet + Bio. Data Forms.					Tagged + kept all dead These were culled out alive from subsample.	
Flounder		25	48.2 lbs ?			

November, 1974

Species: P. dentatus (1974-1975)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Bacteriale	Age	Gonad Stage	Station Number	Remarks
11-1	256	♂	✓	—	—			—	2636	Area III
11-2	246	♀	✓	—	—			I	"	
11-3	229	♀	—	—	—	—	—	I	"	
11-4	226	♂	✓	—	—			—	2624	Area III
11-5	201	♂	✓	—	—			—	"	
11-6	317	♀	✓	1.5	—			I	"	
11-7	228	♀	✓	—	—			I	"	
11-8	216	♂	✓	—	—			—	"	
11-9	275	♂	✓	—	—			—	"	
11-10	303	♂	✓	—	—			—	"	
11-11	220	♀	✓	—	—			I	"	
11-12	232	♀	✓	—	—			I	"	
11-13	312	♂	✓	—	—			—	"	
11-14	305	♂	✓	—	—			—	"	
11-15	205	♂	✓	—	—			—	"	
11-16	294	♀	✓	—	—			I	"	
11-17	254	♂	✓	—	—			—	"	
11-18	234	♀	✓	—	—			I	"	
11-19	240	♂	✓	—	—			—	"	
11-20	303	♀	✓	—	—			I	"	
11-21	226	♀	✓	—	—			I	"	
11-22	222	♀	✓	—	—			I	"	
11-23	190	♀	✓	—	—			I	"	
11-24	240	♀	✓	—	—			I	"	
11-25	205	♂	✓	—	—			—	"	
11-26	207	♂	✓	—	—			—	"	
11-27	223	♂	✓	—	—			—	"	
11-28	214	♂	—	—	—			—	"	
11-29	190	♂	✓	—	—			—	"	
11-30	220	♂	✓	—	—			—	"	
11-31	251	♂	✓	—	—			—	"	
11-32	270	♀	✓	—	—			I	"	
11-33	285	♂	✓	—	—			—	"	
11-34	240	♂	✓	—	—			—	"	
11-35	210	♂	✓	—	—			—	"	
11-36	200	♂	✓	—	—			—	"	
11-37	217	♀	✓	—	—			I	"	
11-38	212	♀	✓	—	—			I	"	
11-39	207	♀	✓	—	—			I	"	
11-40	219	♂	✓	—	—			—	"	
11-41	213	♂	✓	—	—			—	"	
11-42	217	♂	✓	—	—			—	"	
11-43	223	♂	✓	—	—			—	"	
11-44	196	♀	✓	—	—			I	"	
11-45	234	♂	✓	—	—			—	"	
11-46	230	♀	✓	—	—			I	"	
11-47	235	♀	✓	—	—			I	"	
11-48	241	♂	✓	—	—			—	"	

Species. *P. dentatus* (1974-1975)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
11-50	252	♀	✓	1	1			I	2024	Area III
11-51	246	♀	✓	1	1			I	〃	
11-52	220	♂	✓	1	1			–	〃	
11-53	223	♂		1	1			–	〃	
11-54	225	♂		1	1			–	〃	
11-55	213	♂		1	1			–	〃	
11-56										
11-57										
11-58										
11-59										
11-60										
11-61										
11-62										
11-63										
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11-82										
11-83										
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11-87										
11-88										
11-89										
11-90										
11-91										
11-92										
11-93										
11-94										

Length-frequency distribution

Species: *P. dentatus* Station: 2624

Date: Novemb. 1974 Locality: Area 2, Grid 28 AJ

T.L.	2624 (Tagged)	2624 ♂	2624 ♀	T.L.
100 - 109				600 -
110 -				610 -
120 -				620 -
130 -	Area 2			630 -
140 -				640 -
150 -				650 -
160 -				660 -
170 -				670 -
180 -				680 -
190 -		1 (1)	II (2)	690 -
200 -	IIII I (6)	IIII (4)	I (1)	700 -
210 -	III (3)	IIII II (7)	II (2)	710 -
220 -	IIII IIII (9)	IIII II (7)	IIII (5)	720 -
230 -	IIII IIII IIII I (16)	II (2)	III (3)	730 -
240 -	IIII IIII III (13)	II (2)	II (2)	740 -
250 -	IIII I (6)	II (2)	I (1)	750 -
260 -	IIII I (6)	II (2)		
270 -		I (1)	I (1)	
280 -	IIII (5)	I (1)		
290 -	IIII (5)		I (1)	
300 -	II (2)	II (2)	I (1)	
310 -	IIII (4)	I (1)	I (1)	
320 -	II (2)			
330 - 339	I (1)			
340 -	II (2)			
350 -				
360 -	I (1)			
370 -	I (1)			
380 -				
390 -	I (1)			
400 -				
410 -				
420 - 429				
430 -				
440 -	I (1)			
450 - 459	I (1)			
460 -				
470 -				
480 -				
490 -				
500 -				
510 -				
520 -				
530 -				
540 -				
550 -				
560 -				
570 -				
580 -				
590 -				

2624	Tagged	85
2624	♂	32
2624	♀	20
2624	Total	= 137 ✓ = N

Sheet ___ of ___